Approved for us

agh 10:31/2002 OMB 0651-0031 DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

			1/4	,				Comple	te if Kr	nown
Substitute f	for Forn	1 1449/A/P	TO	3 2002	649		Application N	0.	09/7	66,778
-			· (			un n	Filing Date		01/2	22/2001
					CLOSU		First Named I	nventor	Papa	athanassiu et al.
S	ΓΑΤ	EME	NT ]	BY AP	PLICA	NT	Group Art Un	nit	163	1
		(use as r	nany sh	eets as nece	ssary)		Examiner Nar	ne	Bori	in, Michael L.
Sheet		1	of	3			Attorney Dock	ket Number	052	13-0294 (43170-252538)
_			<u> </u>		· <del>- · · · · · · · · · · · · · · · · · ·</del>	,		• • • • • • • • • • • • • • • • • • •		
					U.S	. PATENT	DOCUMENTS			
Examiner	Cite		U.S. Pa	tent Docume			c n			Pages, Columns, Lines, Where
Initials	No.'		Number (if known)		Name of Patentee or Applicant of Cited Document		of Cited Document MM-DD-YYYY		Relevant Passages or Relevant Figures Appear	
m	1		5,223,4	109		Ladner et al.		06/29/199	)3	
	2		5,385,8	385		Gasic et al.		01/31/199	)5	
	3	<u></u>	5,589,3	59		Innis et al.		12/31/199	)6	
	4	<u> </u>	5,770.5	63	ĺ	Roberts et al.		06/23/199	98	
	5	Ì	5,795,8	365		Markland et a	al.	08/18/199	98	
	6	l	5,981,4	71		Papathanassi	u et al.	11/09/199	99	
mn	7		6.010.8	80	i	Markland et a	al.	01/04/200	00	

RECEIVED

SEP I bUNC

TECH CENTER 1600 2900

PTO SB 08A (08-00) use through 10 31 2002 OMB 0651-0031 Approve

Approve Suse through 10.31 2002 OMB 0681-0031 U.S. Patent and Trademark Off U.S. DEPARTMENT OF COMMERCE. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information urness it contains a valid OMB control number.

	2001	Con	iplete if Known	
Substitute for Form 1449/A/PTO	8 13 E	Application No.	09/766,778	Ш
Substitute for Form 1449/A/PTO	N DIGGE OCUDE	Filing Date	01/22/2001	<u> </u>
INFORMATIQ	N DISCLOSURE	First Named Inventor	Papathanassiu et al.	
STATEMENT	BY APPLICANT	Group Art Unit	1631	
(use as many sh	neets as necessary)	Examiner Name	Borin, Michael L.	=1.
Sheet 2 of	3	Attorney Docket Number	05213-0294 (43170-	252538
				<u>C) ~</u>
ОТИ	TO DOLOD A DT. NON D	ATENT LITED ATUDE DOZ	CHARRITO	<del>(()</del>
		ATENT LITERATURE DOC  ALLETTERS), title of the article (who		
		ymposium, catalog, etc.), date, page(s)		T*
		city and/or country where published	····	
8 V Author: CLEME	NTS et al. Title: Kallik only)	kreins and kinins in inflammatory-like	events in the reproductive tr	act (Abstract
Publ:	Omy			
M   Pharmacological I	Research	Vol/lss: 35 (6)	Pages: 537-540 Date:	06/1997
9 V Author: DEVAR	AJ et al. Title: The e	ffects of alpha-tocopherol on critical of	cells in atherogenesis	
Publ:				
Current Opinion i	a Lipidology	Vol/lss: 9(1)	Pages: 11-15 Date:	02/1998
10 √Author: HANAD		BOXYL TERMINAL BASIC AMINO		
Publ:		JIFERATION OF HUMAN SMOOTI VATION OF MAP KINASE KINASI		BHING
Thrombosis and F	Iaemostatis, Supplement			07/2001
11 Author: KORFF		ration of Endothelial Cells in Multicel	lular Spheroids Prevents Apo	ptosis and
Publ:	Induce	es Differentiation		
The Journal of Ce	fl Biology	Vol/lss: 143 (5)	Pages: 1341-1352 Date:	11/30/98
12 3 Author: KORFF		l vessel maturation in a 3-dimensional		
Publ:		ct with smooth muscle cells regulates? responsiveness	endothelial cell quiescence a	nd abrogates
The FASEB Journ		·	Pages: 447-457 Date:	02/2001
13 V Author: KORFF	et al Title: Tensio	onal forces in fibrillar extracellular ma	atrices control directional cap	illary
Publ:	sprout	ting	'	
Journal of Cell Sc	ience	Vol/lss: 112 (19)	Pages: 3249-3258 Date:	10/1999
14 √Author: KUZUY.	A et al Title: Antio	xidants Stimulate Endothelial Cell Pro	oliferation in Culture	
	Term.		William	
Publ: Artery		Vol/lss: 18 (3)	Pages: 115-124 Date:	1001
/ CV /		VOMSS: 18 (3) 1	Pages: 115-124 Date:	1991

Unique citation designation humber. See affiched Kindvol UN Paterd Discussion in Trace Office and Issucuria, arcainens of the control of the code (WIPO Standard S1.3). For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard S1. 16 if possible Applicant is to place a check mark here if English language translation is attached

Approve use through 10/31/2002 OMB 0651-0031 U.S. Patent and Trademark O. U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

			3 Mar	Со	mplete if Known	
Substitute	for For	m 1449/A/PTQ	28 13 Mar	Application No.	09/766,778	9
 	NIEC	1.1	N DISCLOSURE	Filing Date	01/22/2001	95 35
			**.	First Named Inventor	Papathanassiu et a	
	TA		BY APPLICANT	Group Art Unit	1631	E A
		(use as many sl	heets as necessary)	Examiner Name	Borin, Michael L.	
Sheet		3 of	3	Attorney Docket Numbe	r 05213-0294 (4317	70-25253
						<del>- 3</del> 00
		ОТН	IER PRIOR ART - NON PA	ATENT LITERATURE DO	CUMENTS	
Examiner	Cite			L LETTERS), title of the article (wh		
Initials	No.	item		mposium, catalog, etc.), date, page( city and/or country where published	s), volume-issue number(s),	T'
	16	Author: NAKAO	· · · · · · · · · · · · · · · · · · ·	latory effects of insulin and insulin-	ike growth factor Lon migr	ation and tube
	15 [/			tion by vascular endothelial cells	ince growth factor for imgre	ition and tube
W . al.		Publ: Atherosclerosis		Vol/lss: 92	Pages: 141-149 Dat	e: 02/1992
my		Auteroseierosis		VOMISS. 92	1 ages. [4]-149 Dat	e. 02/1992
	161/	Author: PILGRI	Matel Title: Prolife	eration kultivierter Endothelzellen	unter dem Einfluß von Ar	notinin and
		Publ:		inomethylbezoesaure (no translat		
		Biomedica Biochi	imica Acta	Vol/lss: 45 (8)	Pages: 1015-1019 Dat	e: 1986
				VOIII33. 12 (0)		1300
	17	Author: RAO et :	al Title: Mech	anism of Antithrombin III Inhibition	of Factor VIIa/Tissue Facto	r Activity on
		Publ:	Cell S	surfaces. Comparison With Tissue Faced Inhibition of Factor VIIa/Tissue I	actor Pathway Inhibitor/Fact	
		Blood	mauci	Vol/lss: 85 (1)		e: 01/01/95
	18 •	Author: RIDRAY	7. S. Title: Hyper	rinsulinemia and smooth muscle cell	proliferation	
		Publ:				
		International Jour	nal of Obesity	Vol/Iss: 19 Supp.1	Pages: S39-S51 Date	e: 05/1995
	19	Author: SCHUT	TE et al. Title: Addit	ional Aspects of the Effect of Kallik	rein on Cell Proliferation	
		Publ:				
M			likrein Symposium Physiol. Prop. P	harmacol. Vol/lss: 4th Edition	Pages: 161-177 Date	e: 1997
		Ration.				

PTO/SB/08A (08-00) use through 10/31/2002 OMB 0651-0031

U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

are required to respond to a collection of information unless it contains a valid OMB control number

Under the Paperwork Reduction Act of 1995, no persent

OCT 1 5 2001

## INFORMATION OLSCHOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	13	

		-	
Comple	ete if Known	П	7
Application No.	09/766,778	E	
Filing Date	1/22/2001	CE	Jo
First Named Inventor	Papathanassiu et al.	IIV	7
Group Art Unit	1631	<i>: : : : : : : : : :</i>	00
Examiner Name		60	20
Attorney Docket Number	05213-0294 43170-252	) <u></u>	01

U.S.	PATE	NT	<b>DOCUMENTS</b>	

Examiner	Cite	U.S Patent Do	cument		Date of Publication	Pages, Columns, Lines, Where
Initials	No.	Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	of Cited Document MM-DD-YYYY	Relevant Passages or Relevant Figures Appear
MN	1	4,552,888	B1	Koppel et al.	11/12/1985	
	2	4,994,443	B1	Folkman et al.	02/19/1991	
	3	5,001,116	B1	Folkman et al.	03/19/1991	
	4	5,021,404	B1	Folkman et al.	06/04/1991	
	5	5,358,959	B1	Halperin et al.	10/25/1994	
in	6	5,653,744	B1	Khouri et al.	08/05/1997	

or use through 10/31/2002 OMB 0651-0031 Approva U.S. Patent and Tradema fice: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Traderila Files U.S. Patent Andrew U.S. P RECEIVEL

Substitute for Form 1449/A/PTO

## INFORMATION USC STATEMENT BY APPLICANT

OCT 1 5 2001

(use as many sheets as necessary)

Sheet 2 of 13

			<del></del>	
	Comple	ete if Known	<u>6</u>	7
	Application No.	09/766,778	HC	<del>_</del>
	Filing Date	1/22/2001	里	Ŧ.
	First Named Inventor	Papathanassiu et al.	开	1
	Group Art Unit	1631	16	72
	Examiner Name		00	15
	Attorney Docket Number	05213-0294 43170-252538	290	7
_			$\overline{}$	<b>⊣</b>

F	O	RI	ΕI	G	Ν	Ρ	Α	TE	١.	١T	DO	C	U	N	1E	٨	ITS	;

Examiner	Cite	Fo	reign Patent Do	cument		Date of Publication	Pages, Columns, Lines, Where	T
Initials	No.	Office	Number <sup>-</sup>	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	of Cited Document MM-DD-YYYY	Relevant Passages or Relevant Figures Appear	
my	7	WO	97/03560			02/10/1997		N o
	Ω	I WO I	97/09063	<u> </u>		03/13/1007		_

97/09063 03/13/1997

Approx or use through 10/31/2002 OMB 0651-0031 U.S. Patent and Tradema office. U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons acceptance to respond to a collection of information unless it contains a valid OMB control number

Complete if Known OCT 1 5 2001 Application No 09/766,778 Substitute for Form 1449/A/P3O Filing Date 1/22/2001 INFORMATION DISC First Named Inventor Papathanassiu et al STATEMENT BY APPLICANT Group Art Unit 1631 (use as many sheets as necessary) Examiner Name 05213-0294 43170-252 Sheet of Attorney Docket Number 3 13 OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examine Cite item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Initials No. publisher, city and/or country where published Author: ALGIRE, G.H. et al. Title: Vascular reactions of normal and malignant tumors in vivo. I. Vascular reactions of mice to wounds and to normal and neoplastic transplants Publ: MJournal of the National Cancer Institute Vol/Iss: 6 Pages: 73-85 Date: 08/01/45 Author: BREM, H. et al. Title: Interstitial chemotherapy with drug polymer implants for the treatment of recurrent gliomas Publ: Journal of Neurosurgery Vol/iss: 74 Pages: 441-446 Date: 03/01/91 Author: CHEN, C. et al. Title: A Strategy to Discover Circulating Angiogenesis Inhibitors Generated by Human Tumors Publ: Cancer Research Vol/Iss: 55 Pages: 4230-4233 Date: 10/01/95 Author: CAO, Y. et al. 12 Title: gro-B, a-C-X-C- Chemokine is an Angiogenesis Inhibitor that Suppresses the Growth of Lewis Lung Carninoma in Mice Publ: Journal of Experimental Medicine Vol/Iss: 182 Pages: 2069-2077 Date: 12/01/95 Author: FOLKMAN, J. Title: Tumor angiogenesis and tissue factor Publ: Nature Medicine Vol/Iss: 2 Pages: 167-168 Date: 02/01/96 Author: FOLEMAN, J 14 Title: What is the Evidence that Tumors are Angiogenesis Dependent? Publ: Journal of the National Cancer Institute Vol/Iss: 82 Pages: 4-6 Date: 01-03-90 Author: FOLKMAN, J. Title: Angiogenesis in cancer, vascular, rheumatoid and other disease Publ: M) Nature Medicine Vol/Iss: 1(1) Pages: 27-31 Date: 11/01/95

or use through 10/31/2002 OMB 0651-0031 fice, U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Tradema fice. U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1999 no personate required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for Form 14-99 PT-00C 1 5 200 w   PT-0			2	Comp	olete if Known		
Sheet	Substitute	e for Fo	orm 1449/4/PTOOCT 1 5 2007	Application No.	09/766,778		
Sheet 4 of 13 Author: FOLKMAN, J. Title: Tumor Behavior in Isolated Perfused Organs in with Growth and Metastases of Biopsy Publ: Annals of Surgery Vollas: 184(3) Pages: 491-501 Date: 09/01/86  19 Author: FOLKMAN, J. Title: Tumor Behavior in Isolated Perfused Organs in with Growth and Metastases of Biopsy Publ: Annals of Surgery Vollas: 184(3) Pages: 491-501 Date: 09/01/86  20 Author: FOLKMAN, J. Title: Tumor Angiogenesis and its Inhibitors Publ: Annals of Surgery Vollas: 184(3) Pages: 491-501 Date: 01/01/85  21 Author: FOLKMAN, J. Title: Tumor Angiogenesis Therapeutic Implications Publ: Annals of Surgery Title: Tumor Angiogenesis Therapeutic Implications Publ: Material Advances in Oncology Vollas: 18 Pages: 1182-1186 Date: 11/18/71  22 Author: Gimbrone M. A. Title: Tumor growth and neovascularization. An experimental model using the rabbit comea Publ: New England Journal of Medicine Vollas: 52(2) Pages: 413-427 Date: 02.01.74  23 Author: Gimbrone M. A. Title: Tumor dormancy in wwo by Prevention of Neovascularization Publ: New England Journal of Medicine Vollas: 52(2) Pages: 413-427 Date: 02.01.74  24 Author: Gimbrone M. A. Title: Tumor dormancy in wwo by Prevention of Neovascularization Publ: et al. Publ: Gimbrone M. A. Title: Tumor dormancy in wwo by Prevention of Neovascularization Publ: et al. Publ: Old Mathor: Gimbrone M. A. Title: Tumor dormancy in wwo by Prevention of Neovascularization Publ: et al. Publ: et al. Publ: Old Mathor: Gimbrone M. A. Title: Tumor dormancy in wwo by Prevention of Neovascularization Publ: et al. Publ: Old Mathor: Gimbrone M. A. Title: Tumor dormancy in wwo by Prevention of Neovascularization Publ: et al.			DALA TON DISCOURT	Filing Date	1/22/2001		
Sheet 4 of 13 Attorney Docket Number 05213-0294 43170-22638    Sheet 4 of 13 Attorney Docket Number 05213-0294 43170-22638   Examiner Name 05213-0294 43170-22638   Examiner N		NFC	RWATTEN DISCAZUSURE	First Named Inventor	Papathanass		
Sheet 4 of 13 Attorney Docket Number 05213.0294 43170.2833 The state of the state o	١	šΙΑ	TEMENT BY APPLICANT	Group Art Unit	1631		1 .
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS  Examiner No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, otyl and/or country where published  16 Author: FOLKMAN, J. Title: Long-term culture of capillary endothelial cells  Publ: Proceedings of the National Academy of Science USA			(use as many sheets as necessary)	Examiner Name		00	
Examiner Initials No Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s).  16 Author: FOLKMAN, J. Title: Long-term culture of capillary endothelial cells publi: Proceedings of the National Academy of Science USA	Sheet		4 of 13	Attorney Docket Number	05213-0294	43170-2 <b>223</b> 38	
Examiner Initials No Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s).  16 Author: FOLKMAN, J. Title: Long-term culture of capillary endothelial cells publi: Proceedings of the National Academy of Science USA				<u> </u>	1		_ `
item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s).  16			OTHER PRIOR ART - NON PAT	ENT LITERATURE DOCI	JMENTS		
Initials No. Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s).    Author:FOLKMAN, J. Title: Long-term culture of capillary endothelial cells   Publ: Proceedings of the National Academy of Science USA   Vol/Iss: 76   Pages: 5217-5221   Date: 10/01/79	Examiner	Cite	,				_
Publ: Proceedings of the National Academy of Science USA	Initials	No.			s), volume-issue nui	mber(s),	'
Publ: Proceedings of the National Academy of Science USA		16	Author: FOLKMAN, J. Title: Long-term culture	of capillary endothelial cells			=
Author: FOLKMAN, J. et al. Title: Induction of angiogenesis during the transition from hyperplasia to neoplasia  Publ: Nature  Vol/Iss: 339  Pages: 58-61  Date: 05/04/89   18  Author: FOLKMAN, J. et al. Title: Tumor Behavior in Isolated Perfused Organs in vitro Growth and Metastases of Biopsy Material in Rabbit Thyroid and Canine Intestinal Segment  Annals of Surgery  Vol/Iss: 164(3)  Pages: 491-501  Date: 09/01/66  19  Author: FOLKMAN, J. Title: Angiogenesis and It's Inhibitors  Publ: Important Advances in Oncology  Vol/Iss: Pages: 42-62  Date: 01/01/85  20  Author: FOLKMAN, J. Title: Tumor Angiogenesis. Therapeutic Implications  Publ: New England Journal of Medicine  Vol/Iss: 18  Pages: 1182-1186  Date: 11/18/71  21  Author: GIMBRONE, M.A. Title: Tumor growth and neovascularization. An experimental model using the rabbit cornea et al. Journal of the National Cancer Institute  Vol/Iss: 52(2)  Pages: 413-427  Date: 02.01-74  Publ:  Author: GIMBRONE, M.A. Title: Tumor dormancy in vivo by Prevention of Neovascularization et al. Publ:			Publ:				į
Publ: Nature  Vol/Iss: 339 Pages: 58-61 Date: 05/04/89  18 Author: FOLKMAN, J. et al Title: Tumor Behavior in Isolated Perfused Organs in vitro Growth and Metastases of Biopsy Material in Rabbit Thyroid and Canine Intestinal Segment  Vol/Iss: 164(3) Pages: 491-501 Date: 09/01/66  19 Author: FOLKMAN, J. Title: Angiogenesis and It's Inhibitors Publ: Important Advances in Oncology Vol/Iss: Pages: 42-62 Date: 01/01/85  20 Author: FOLKMAN, J. Title: Tumor Angiogenesis Therapeutic Implications Publ: New England Journal of Medicine Vol/Iss: 18 Pages: 1182-1186 Date: 11/18/71  21 Author: GIMBRONE, M.A. Title: Tumor growth and neovascularization: An experimental model using the rabbit cornea et al. Journal of the National Cancer Institute Vol/Iss: 52(2) Pages: 413-427 Date: 02-01-74  Publ:  Author: GIMBRONE, M.A. Title: Tumor dormancy in vivo by Prevention of Neovascularization et al. Publ:	Mrs		Proceedings of the National Academy of Science US	A Vol/lss: 76 Pa	iges: 5217-5221	Date: 10/01/79	
Publ: Nature  Vol/Iss: 339 Pages: 58-61 Date: 05/04/89  18 Author: FOLKMAN, J. et al Title: Tumor Behavior in Isolated Perfused Organs in vitro Growth and Metastases of Biopsy Material in Rabbit Thyroid and Canine Intestinal Segment  Vol/Iss: 164(3) Pages: 491-501 Date: 09/01/66  19 Author: FOLKMAN, J. Title: Angiogenesis and It's Inhibitors Publ: Important Advances in Oncology Vol/Iss: Pages: 42-62 Date: 01/01/85  20 Author: FOLKMAN, J. Title: Tumor Angiogenesis Therapeutic Implications Publ: New England Journal of Medicine Vol/Iss: 18 Pages: 1182-1186 Date: 11/18/71  21 Author: GIMBRONE, M.A. Title: Tumor growth and neovascularization: An experimental model using the rabbit cornea et al. Journal of the National Cancer Institute Vol/Iss: 52(2) Pages: 413-427 Date: 02-01-74  Publ:  Author: GIMBRONE, M.A. Title: Tumor dormancy in vivo by Prevention of Neovascularization et al. Publ:	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \						
Nature    Nature   Vol/Iss: 339   Pages: 58-61   Date: 05/04/89		17	Author: FOLKMAN, J. et al. Title: Induction of angiog	genesis during the transition fro	om hyperplasia to ne	eoplasia	$\neg$
Author: FOLKMAN, J. et al Title: Tumor Behavior in Isolated Perfused Organs in vitro Growth and Metastases of Biopsy Material in Rabbit Thyroid and Canine Intestinal Segment  Vol/Iss: 164(3) Pages: 491-501 Date: 09/01/66  19 Author: FOLKMAN, J. Title: Angiogenesis and It's Inhibitors  Publ: Important Advances in Oncology Vol/Iss: Pages: 42-62 Date: 01/01/85  20 Author: FOLKMAN, J. Title: Tumor Angiogenesis Therapeutic Implications  Publ: New England Journal of Medicine Vol/Iss: 18 Pages: 1182-1186 Date: 11/18/71  21 Author: GIMBRONE, M.A. Title: Tumor growth and neovascularization. An experimental model using the rabbit cornea et al.  Journal of the National Cancer Institute Vol/Iss: 52(2) Pages: 413-427 Date: 02-01-74  22 Author: GIMBRONE, M.A. Title: Tumor dormancy in vivo by Prevention of Neovascularization et al.  Publ: Oxidence of Neovascularization et al.  Publ: Oxidence of Neovascularization et al.			Publ:				
Publ: Annals of Surgery  Vol/Iss: 164(3)  Pages: 491-501  Date: 09/01/66  19  Author: FOLKMAN, J. Title: Angiogenesis and It's Inhibitors Publ: Important Advances in Oncology  Vol/Iss: Pages: 42-62  Date: 01/01/85  Publ: New England Journal of Medicine  Vol/Iss: 18  Pages: 1182-1186  Date: 11/18/71  21  Author: GIMBRONE, M.A. Title: Tumor growth and neovascularization. An experimental model using the rabbit cornea et al. Journal of the National Cancer Institute  Vol/Iss: 52(2)  Pages: 413-427  Date: 02 01-74  Author: GIMBRONE, M.A. Title: Tumor dormancy in vivo by Prevention of Neovascularization et al. Publ:			Nature	Vol/Iss: 339 Pa	iges: 58-61	Date: 05/04/89	
Publ: Annals of Surgery  Vol/Iss: 164(3)  Pages: 491-501  Date: 09/01/66  19  Author: FOLKMAN, J. Title: Angiogenesis and It's Inhibitors Publ: Important Advances in Oncology  Vol/Iss: Pages: 42-62  Date: 01/01/85  Publ: New England Journal of Medicine  Vol/Iss: 18  Pages: 1182-1186  Date: 11/18/71  21  Author: GIMBRONE, M.A. Title: Tumor growth and neovascularization. An experimental model using the rabbit cornea et al. Journal of the National Cancer Institute  Vol/Iss: 52(2)  Pages: 413-427  Date: 02 01-74  Author: GIMBRONE, M.A. Title: Tumor dormancy in vivo by Prevention of Neovascularization et al. Publ:							
Publ: Annals of Surgery  Vol/Iss: 164(3) Pages: 491-501 Date: 09/01/66  19 Author: FOLKMAN, J. Title: Angiogenesis and It's Inhibitors Publ: Important Advances in Oncology  Vol/Iss: Pages: 42-62 Date: 01/01/85  20 Author: FOLKMAN, J. Title: Tumor Angiogenesis: Therapeutic Implications Publ: New England Journal of Medicine  Vol/Iss: 18 Pages: 1182-1186 Date: 11/18/71  21 Author: GIMBRONE, M.A. Title: Tumor growth and neovascularization. An experimental model using the rabbit cornea et al. Journal of the National Cancer Institute  Vol/Iss: 52(2) Pages: 413-427 Date: 02:01-74  22 Author: GIMBRONE, M.A. Title: Tumor dormancy in vivo by Prevention of Neovascularization et al. Publ:		18				astases of Biopsy	
19   Author: FOLKMAN, J.   Title: Angiogenesis and It's Inhibitors   Publ:   Important Advances in Oncology   Vol/Iss:   Pages: 42-62   Date:   01/01/85     20   Author: FOLKMAN, J.   Title: Tumor Angiogenesis: Therapeutic Implications   Publ:   New England Journal of Medicine   Vol/Iss: 18   Pages: 1182-1186   Date:   11/18/71     21   Author: GIMBRONE, M.A.   Title: Tumor growth and neovascularization: An experimental model using the rabbit cornea   et al.   Journal of the National Cancer Institute   Vol/Iss: 52(2)   Pages: 413-427   Date:   02-01-74     22   Author: GIMBRONE, M.A.   Title: Tumor dormancy in vivo by Prevention of Neovascularization   et al.   Publ:			Publ:	Thyrold and Carline Intestinal C	segment	I	
Publ:   Important Advances in Oncology			Annals of Surgery	Vol/lss: 164(3) Pa	iges: 491-501	Date: 09/01/66	
Publ:   Important Advances in Oncology							_
Important Advances in Oncology   Vol/Iss:   Pages: 42-62   Date:   01/01/85		19		It's Inhibitors			
20 Author: FOLKMAN, J. Title: Tumor Angiogenesis: Therapeutic Implications Publ: New England Journal of Medicine  Vol/Iss: 18 Pages: 1182-1186 Date: 11/18/71  21 Author: GIMBRONE, M.A. Title: Tumor growth and neovascularization. An experimental model using the rabbit cornea et al. Publ: Journal of the National Cancer Institute  Vol/Iss: 52(2) Pages: 413-427 Date: 02-01-74  22 Author: GIMBRONE, M.A. Title: Tumor dormancy in vivo by Prevention of Neovascularization et al. Publ:				Valdaa. Da	12.62	D-4 04/04/85	
Publ: New England Journal of Medicine  Vol/Iss: 18  Pages: 1182-1186  Date: 11/18/71  21  Author: GIMBRONE, M.A. Title: Tumor growth and neovascularization. An experimental model using the rabbit cornea et al.  Journal of the National Cancer Institute  Vol/Iss: 52(2)  Pages: 413-427  Date: 02-01-74  22  Author: GIMBRONE, M.A. Title: Tumor dormancy in vivo by Prevention of Neovascularization et al.  Publ:			Important Advances in Oncology	VOI/ISS: Pa	iges: 42-62	Date: 01/01/85	
Publ: New England Journal of Medicine  Vol/Iss: 18  Pages: 1182-1186  Date: 11/18/71  21  Author: GIMBRONE, M.A. Title: Tumor growth and neovascularization. An experimental model using the rabbit cornea et al.  Journal of the National Cancer Institute  Vol/Iss: 52(2)  Pages: 413-427  Date: 02-01-74  22  Author: GIMBRONE, M.A. Title: Tumor dormancy in vivo by Prevention of Neovascularization et al.  Publ:		20	Author: FOLKMAN I Title: Tumor Angiogone	sis: Therangutic Implications		1	<u> </u>
New England Journal of Medicine  Vol/Iss: 18  Pages: 1182-1186  Date: 11/18/71  21  Author: GIMBRONE, M.A. Title: Tumor growth and neovascularization. An experimental model using the rabbit cornea et al.  Publ:  Journal of the National Cancer Institute  Vol/Iss: 52(2)  Pages: 413-427  Date: 02-01-74  22  Author: GIMBRONE, M.A. Title: Tumor dormancy in vivo by Prevention of Neovascularization et al.  Publ:		∠∪		sis. Therapeutic implications			
Author: GIMBRONE, M.A. Title: Tumor growth and neovascularization: An experimental model using the rabbit cornea et al.  Journal of the National Cancer Institute  Vol/Iss: 52(2)  Pages: 413-427  Date: 02-01-74  22  Author: GIMBRONE, M.A. Title: Tumor dormancy in vivo by Prevention of Neovascularization et al.  Publ:	/			Vol/Iss: 18 Pa	nes: 1182-1186	Date: 11/18/71	
Publ:  Journal of the National Cancer Institute  Vol/Iss: 52(2)  Pages: 413-427  Date: 02-01-74  22  Author: GIMBRONE, M.A. Title: Tumor dormancy in vivo by Prevention of Neovascularization et al.  Publ:	/			V011100. 10	923. (102 1100	<b>J</b>	
Publ:  Journal of the National Cancer Institute  Vol/Iss: 52(2)  Pages: 413-427  Date: 02-01-74  22  Author: GIMBRONE, M.A. Title: Tumor dormancy in vivo by Prevention of Neovascularization et al.  Publ:	<del>- 1</del>	21	Author: GIMBRONE, M.A. Title: Tumor growth and	neovascularization: An experii	mental model using	the rabbit cornea	$\dashv$
Journal of the National Cancer Institute  Vol/Iss: 52(2)  Pages: 413-427  Date: 02-01-74  22  Author: GIMBRONE, M.A. Title: Tumor dormancy in vivo by Prevention of Neovascularization et al.  Publ:	/		et al.	,	3		
Publ: et al.	7			Vol/lss: 52(2) Pa	iges: 413-427	Date: 02-01-74	
Publ: et al.							
Publ:		22	Author: GIMBRONE, M.A. Title: Tumor dormancy in	n vivo by Prevention of Neovas	scularization		$\equiv$
Journal of Experimental Medicine Vol/Iss: 136 Pages: 261-276 Date: 01/01/72			et al.				
	m		Journal of Experimental Medicine	Vol/lss: 136 Pa	iges: 261-276	Date: 01/01/72	

r use through 10/31/2002 OMB 0651-0031 Appro

U.S. Patent and Tradema fice: U.S. DEPARTMENT OF COMMERCE no persons se required to respond to a collection of information unless it contains a valid OMB control number Under the Paperwork Reduction Act of 1995 Complete if Known Application No 09/766,778 Substitute for Form 1449/A/PTQ Filing Date 1/22/2001 INFORMATION DISCI First Named Inventor Papathanassiu et al STATEMENT BY AP Group Art Unit 1631  $\infty$ (use as many sheets as necessary) Examiner Name 9 Sheet 5 of Attorney Docket Number 05213-0294 43170-25<del>23</del>38 13 OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examine Cite item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Initials No. publisher, city and/or country where published Author: GOOD, D.J. et al. Title: A tumor suppressor-dependent inhibitor of angiogenesis is immunologically and functionally indistinguishable from a fragment of thombospondin 1401 Proceedings of the National Academy of Science USA Vol/Iss: 87 Pages: 6624-6628 Date: 09/01/90 Author: GROSS, J.L. et al. Title: Medulation of Solid Tumor Crowth in vive by bFGF (Abstract only) Publ: Proceedings of the American Association of Cancer Vol/Iss: 31 Pages: 79 Date: 03/01/90 Research Author: GUPTA et al. 25 Title: A potent inhibitor of endothelial cell proliferation is generated by proteolytic cleavage of the chemokine platelet factor 4 Proceedings of the National Academy of Science USA Vol/Iss: 92 Pages: 7799-7803 Date: 08/01/95 26 Author: HOLMGREN, L. et Title: Dormancy of micrometastases: Balanced proliferation and apoptosis in the presence of angiogenesis suppression Publ: Nature Medicine Vol/lss: 1 (2) Pages: 149-153 Date: 02/01/95 Author: HOMANDBERG, Title: Heparin-binding fragments of fibronectin are potent inhibitors of endothelial cell growth GA et al. Publ: American Journal of Pathology Vol/lss: 120 Pages: 327-332 Date: 09/01/85 Author: INGBER. D. et al. Title: Synthetic analogues of fumagillin that inhibit angiogenesis and suppress tumor growth 28 Publ: Nature Vol/Iss: 348 Pages: 555-557 Date: 12-06-90 Author: KIM, K.J. et al. Title: Inhibition of vascular endothelial growth factor-induced angiogenesis suppresses

Vol/Iss: 362

Pages: 841-844

Date: 04/29/93

tumor growth in vivo

Publ:

Nature

 $\mathcal{W}$ 

pr use through 10/31/2002 OMB 0651-0031

Approv U.S. Patent and Tradema U.S. Patent and Tradema Affice. U.S. DEPARTIMENT OF COMMERCE.

Under the Paperwork Reduction Act of 1995, no persons are equired to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known fice U.S DEPARTMENT OF COMMERCE

Substitute for Form 1449.A. DOE 1 5 2001  INFORMATION DISCUSSURE STATEMENT BY APPLICANT  (use as many sheets as necessary)  Sheet 6 of 13 Attorney Docket Number 05213-0294 43170 538  OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS  Examiner Name  OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS  Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the finitials of the microwascular publisher, roll and or country where publisher is an additional or country and for country where publisher is an additional or country where publisher is an additional or country and for country where publisher is an additional or country or country and country where publisher is an additional or country or count			2		implete il Known	I	
INFORMATION DISCUSSIVE STATEMENT BY APPLICANT (use as many sheets as necessary)  Sheet 6 or 13 Attorney Docket Number 05213-0294 43170 8538  OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS  Examiner Name 05213-0294 43170 8538  OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS  Examiner Cite Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Intials No Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Intials No Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Intials No Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Intials No Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Intials No Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Intials No Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Intials No Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Intials No Include name of the article (when appropriate), title of the Intials No Include name of the Intials No Include No Intials No	Substitut	e for F	orm 1449/A/R TO UCI 1 5 2001	Application No.	09/766,77		
STATEMENT BY APPLICANT (use as many sheets as necessary)  Sheet 6 of 13 Attorney Docket Number 05213-0294 43170 6538  OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS  Examiner One Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Indials No Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Indials No Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Indials No Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Indials No Indians of Antions (Indians of Indians of In				Filing Date	1/22/2001		=
Sheet 6 of 13 Attories Documents  Stammer Name 05213-0294 43170 6538  OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS  Examiner Cite include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, sens), symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where publisher publishers and Author: NIGHTON, D. et. Title: Avascular and Vascular Phases of Tumor Growth in the Chick Embyo Publ:  British Journal of Cancer Volfiss: 35 Pages: 347-356 Date: 01/01/77  Author: NIGUYEN, M. et al. Title: Quantitation of Angiogenesis and Antiangiogenesis in the Chick Embryo Chorioaliantoic Membrane  Microvascular Research Volfiss: 47 Pages: 31-40 Date: 01/01/94  32 Author: NIGUYEN, M. et al. Title: Elevated Levels of the Angiogenesis (Abstract only)  Publ:  Bladder Cancer Patients (Abstract only)  Journal of the National Cancer Institute Volfiss: 85(3) Pages: 241-242 Date: 02/03/93  33 Author: O'REILLY et al. Title: Endogenous Inhibitors of Angiogenesis (Abstract only)  Publ:  Proceedings of the American Association of Cancer Volfiss: 37 Pages: 669 Date: 03/01/96  34 Author: O'REILLY et al. Title: Angiostatin induces and sustains dormancy of human primary tumors in mice  Publ:  Nature Medicine Volfiss: 2 (6) Pages: 689-692 Date: 06/01/96  35 Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor  Publ:  Surgical Forum Volfiss: 2 LIV Pages: 474-476 Date: 01-01-93  Author: O'REILLY et al. Title: Angiostatin A Novel Angiogenesis Inhibitor that Mediates the Suppression of Metastases by a Lewis Lung Carcinoma				First Named Inventor	Papathan	assiu et al.	<del></del> -
Sheet 6 of 13 Attorney Docket Number 05213-0294 43170 5538  OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS  Examined Cite Include name of the author (in CAPITAL LETTERS), title of the atticle (when appropriate), title of the item (book, magazine, journal, senal, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published  30 Authors kNiGHTON, D. et. Title: Avascular and Vascular Phases of Tumor Growth in the Chick Embyo publisher. City and/or country where published  31 Authors NGUYEN, M. et al. Title: Quantifation of Angiogenesis and Antilangiogenesis in the Chick Embryo Chorioallantoic Membrane  32 Authors NGUYEN, M. et al. Title: Elevated Levels of the Angiogenic Peptide Basic Fibrioblast Growth Factor in Unine of Bladder Cancer Patients (Abstract only)  33 Authors O'REILLY et al. Title: Endogenous Inhibitors of Angiogenesis (Abstract only)  34 Authors O'REILLY et al. Title: Endogenous Inhibitors of Angiogenesis (Abstract only)  35 Pages: 241-242 Date: 02/03/93  36 Authors O'REILLY et al. Title: Angiostatin induces and sustains dormancy of human primary tumors in mice Publi:  Nature Medicine  Vol/Iss: 2 (6) Pages: 689-692 Date: 06/01/96  36 Authors O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor  Publ:  Surgical Forum  Vol/Iss: XLIV Pages: 474-476 Date: 01.01.93	5	STA	TEMENT BY APPLICANT	Group Art Unit	1631		_
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS  Examine			(use as many sheets as necessary)	Examiner Name		<del>- 8</del> 5	
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS  Examine	Sheet		6 of 13	Attorney Docket Numb	er 05213-02	94 43170-63 538	
Examiner Initials No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, senal, symposium, catalog, etc.), date, page(s), volume-issue number(s).  30 Author: KNIGHTON, D. et Title: Avascular and Vascular Phases of Tumor Growth in the Chick Embyopublished  31 Author: NIGUYEN, M. et al. Title: Quantitation of Angiogenesis and Antiangiogenesis in the Chick Embryo Chorioaliantoic Membrane  32 Author: NIGUYEN, M. et al. Title: Cloantitation of Angiogenesis and Antiangiogenesis in the Chick Embryo Chorioaliantoic Membrane  33 Author: NIGUYEN, M. et al. Title: Elevated Levels of the Angiogenic Peptide Basic Fibroblast Growth Factor in Unne of Bladder Cancer Patients (Abstract only)  34 Journal of the National Cancer Institute  35 Vol/Iss: 85(3) Pages: 241-242 Date: 02/03/93  36 Author: O'REILLY et al. Title: Endogenous Inhibitors of Angiogenesis (Abstract only)  37 Pages: 669 Date: 03/01/96  38 Author: O'REILLY et al. Title: Angiostatin induces and sustains dormancy of human primary tumors in mice  49 Publ:  38 Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor  40 Publ:  50 Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor  51 Publ:  52 Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor  63 Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor  75 Publ:  76 Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor  86 Publ:  87 Author: O'REILLY et al. Title: Angiostatin A Novel Angiogenesis Inhibitor that Mediates the Suppression of Metastases by a Lewis Lung Carcinoma	-						
Examiner Initials No. Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, senal, symposium, catalog, etc.), date, page(s), volume-issue number(s).  30 Author: KNIGHTON, D. et Title: Avascular and Vascular Phases of Tumor Growth in the Chick Embyopublished  31 Author: NIGUYEN, M. et al. Title: Quantitation of Angiogenesis and Antiangiogenesis in the Chick Embryo Chorioaliantoic Membrane  32 Author: NIGUYEN, M. et al. Title: Cloantitation of Angiogenesis and Antiangiogenesis in the Chick Embryo Chorioaliantoic Membrane  33 Author: NIGUYEN, M. et al. Title: Elevated Levels of the Angiogenic Peptide Basic Fibroblast Growth Factor in Unne of Bladder Cancer Patients (Abstract only)  34 Journal of the National Cancer Institute  35 Vol/Iss: 85(3) Pages: 241-242 Date: 02/03/93  36 Author: O'REILLY et al. Title: Endogenous Inhibitors of Angiogenesis (Abstract only)  37 Pages: 669 Date: 03/01/96  38 Author: O'REILLY et al. Title: Angiostatin induces and sustains dormancy of human primary tumors in mice  49 Publ:  38 Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor  40 Publ:  50 Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor  51 Publ:  52 Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor  63 Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor  75 Publ:  76 Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor  86 Publ:  87 Author: O'REILLY et al. Title: Angiostatin A Novel Angiogenesis Inhibitor that Mediates the Suppression of Metastases by a Lewis Lung Carcinoma							
item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s).  30 Author: KNIGHTON, D. et. Title: Avascular and Vascular Phases of Tumor Growth in the Chick Embyo Publ: British Journal of Cancer  Vol/Iss: 35 Pages: 347-356 Date: 01/01/77  31 Author: NGUYEN, M. et al. Title: Quantitation of Angiogenesis and Antiangiogenesis in the Chick Embryo Chorioallantoic Membrane  Microvascular Research  Vol/Iss: 47 Pages: 31-40 Date: 01/01/94  32 Author: NGUYEN, M. et al. Title: Elevated Levels of the Angiogenic Peptide Basic Fibroblast Growth Factor in Urine of Bladder Cancer Patients (Abstract only)  Journal of the National Cancer Institute  Vol/Iss: 85(3) Pages: 241-242 Date: 02/03/93  33 Author: O'REILLY et al. Title: Endogenous Inhibitors of Angiogenesis (Abstract only)  Publ: Proceedings of the American Association of Cancer Research  34 Author: O'REILLY et al. Title: Angiostatin induces and sustains dormancy of human primary tumors in mice  Publ: Nature Medicine  Vol/Iss: 2 (6) Pages: 689-692 Date: 06/01/96  35 Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor  Publ: Surgical Forum  Vol/Iss: XLIV Pages: 474-476 Date: 01-01-93  Author: O'REILLY et al. Title: Angiostatin A Novel Angiogenesis Inhibitor that Mediates the Suppression of Metastases by a Lewis Lung Carcinoma							
publisher, city and/or country where published  Author: KNIGHTON, D. et Title: Avascular and Vascular Phases of Tumor Growth in the Chick Embyo Publ:  British Journal of Cancer  Vol/Iss: 35  Pages: 347-356  Date: 01/01/77   Author: NGUYEN, M. et al. Title: Quantifation of Angiogenesis and Antiangiogenesis in the Chick Embryo Chorioallantoic Membrane  Microvascular Research  Vol/Iss: 47  Pages: 31-40  Date: 01/01/94   32  Author: NGUYEN, M. et al. Title: Elevated Levels of the Angiogenic Peptide Basic Fibroblast Growth Factor in Urine of Publ:  Journal of the National Cancer Institute  Vol/Iss: 85(3)  Pages: 241-242  Date: 02/03/93  Author: O'REILLY et al. Title: Endogenous Inhibitors of Angiogenesis (Abstract only)  Publ:  Proceedings of the American Association of Cancer  Research  Vol/Iss: 37  Pages: 669  Date: 03/01/96  Author: O'REILLY et al. Title: Angiostatin induces and sustains dormancy of human primary tumors in mice  Publ:  Nature Medicine  Vol/Iss: 2 (6)  Pages: 689-692  Date: 06/01/96  Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor  Publ:  Surgical Forum  Vol/Iss: > LIV Pages: 474-476  Date: 01.01.93		1 0.10	1	<i>,</i> .			T
Publ: British Journal of Cancer Vol/Iss: 35 Pages: 347-356 Date: 01/01/77  31 Author: NGUYEN, M. et al. Title: Quantitation of Angiogenesis and Antiangiogenesis in the Chick Embryo Chorioaliantoic Membrane Microvascular Research Vol/Iss: 47 Pages: 31-40 Date: 01/01/94  32 Author: NGUYEN, M. et al. Title: Elevated Levels of the Angiogenic Peptide Basic Fibroblast Growth Factor in Urine of Publ: Bladder Cancer Patients (Abstract only) Journal of the National Cancer Institute Vol/Iss: 85(3) Pages: 241-242 Date: 02/03/93  33 Author: O'REILLY et al. Title: Endogenous Inhibitors of Angiogenesis (Abstract only) Publ: Proceedings of the American Association of Cancer Research Vol/Iss: 37 Pages: 669 Date: 03/01/96  34 Author: O'REILLY et al. Title: Angiostatin induces and sustains dormancy of human primary tumors in mice Publ: Nature Medicine Vol/Iss: 2 (6) Pages: 689-692 Date: 06/01/96  35 Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor Publ: Surgical Forum Vol/Iss: XLIV Pages: 474-476 Date: 01-01-93	initials	No.				namber(3),	
Publ:   British Journal of Cancer   Vol/Iss: 35   Pages: 347-356   Date: 01/01/77	·	30	Author: KNIGHTON, D. et Title: Avascular and	Vascular Phases of Tumor Gro	wth in the Chick Em	ibyo	十
Author: NGUYEN, M. et al. Title: Quantitation of Angiogenesis and Antiangiogenesis in the Chick Embryo Publ: Microvascular Research Vol/Iss: 47 Pages: 31-40 Date: 01/01/94  32 Author: NGUYEN, M. et al. Title: Elevated Levels of the Angiogenic Peptide Basic Fibroblast Growth Factor in Urine of Bladder Cancer Patients (Abstract only) Journal of the National Cancer Institute Vol/Iss: 85(3) Pages: 241-242 Date: 02/03/93  33 Author: O'REILLY et al. Title: Endogenous Inhibitors of Angiogenesis (Abstract only) Publ: Proceedings of the American Association of Cancer Research Vol/Iss: 37 Pages: 669 Date: 03/01/96  34 Author: O'REILLY et al. Title: Angiostatin induces and sustains dormancy of human primary tumors in mice Publ: Nature Medicine Vol/Iss: 2 (6) Pages: 689-692 Date: 06/01/96  35 Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor Publ: Surgical Forum Vol/Iss: XLIV Pages: 474-476 Date: 01:01-93			Publ:				
Author: NGUYEN, M. et al. Title: Quantitation of Angiogenesis and Antiangiogenesis in the Chick Embryo Publ: Microvascular Research Vol/Iss: 47 Pages: 31-40 Date: 01/01/94  32 Author: NGUYEN, M. et al. Title: Elevated Levels of the Angiogenic Peptide Basic Fibroblast Growth Factor in Urine of Bladder Cancer Patients (Abstract only) Journal of the National Cancer Institute Vol/Iss: 85(3) Pages: 241-242 Date: 02/03/93  33 Author: O'REILLY et al. Title: Endogenous Inhibitors of Angiogenesis (Abstract only) Publ: Proceedings of the American Association of Cancer Research Vol/Iss: 37 Pages: 669 Date: 03/01/96  34 Author: O'REILLY et al. Title: Angiostatin induces and sustains dormancy of human primary tumors in mice Publ: Nature Medicine Vol/Iss: 2 (6) Pages: 689-692 Date: 06/01/96  35 Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor Publ: Surgical Forum Vol/Iss: XLIV Pages: 474-476 Date: 01:01-93	M		British Journal of Cancer	Vol/Iss: 35	Pages: 347-356	Date: 01/01/77	
Publ: Microvascular Research Vol/Iss: 47 Pages: 31-40 Date: 01/01/94  32 Author: NGUYEN, M. et al. Title: Elevated Levels of the Angiogenic Peptide Basic Fibroblast Growth Factor in Urine of Bladder Cancer Patients (Abstract only) Journal of the National Cancer Institute Vol/Iss: 85(3) Pages: 241-242 Date: 02/03/93  33 Author: O'REILLY et al. Title: Endogenous Inhibitors of Angiogenesis (Abstract only) Proceedings of the American Association of Cancer Research  34 Author: O'REILLY et al. Title: Angiostatin induces and sustains dormancy of human primary tumors in mice Publ: Nature Medicine Vol/Iss: 2 (6) Pages: 689-692 Date: 06/01/96  35 Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor Publ: Surgical Forum Vol/Iss: XLIV Pages: 474-476 Date: 01-01-93  4040  36 Author: O'REILLY et al. Title: Angiostatin: A Novel Angiogenesis Inhibitor that Mediates the Suppression of Metastases by a Lewis Lung Carcinoma	. /		·				
Publ: Microvascular Research Vol/Iss: 47 Pages: 31-40 Date: 01/01/94  32 Author: NGUYEN, M. et al. Title: Elevated Levels of the Angiogenic Peptide Basic Fibroblast Growth Factor in Urine of Bladder Cancer Patients (Abstract only) Journal of the National Cancer Institute Vol/Iss: 85(3) Pages: 241-242 Date: 02/03/93  33 Author: O'REILLY et al. Title: Endogenous Inhibitors of Angiogenesis (Abstract only) Proceedings of the American Association of Cancer Research  34 Author: O'REILLY et al. Title: Angiostatin induces and sustains dormancy of human primary tumors in mice Publ: Nature Medicine Vol/Iss: 2 (6) Pages: 689-692 Date: 06/01/96  35 Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor Publ: Surgical Forum Vol/Iss: XLIV Pages: 474-476 Date: 01-01-93  4040  36 Author: O'REILLY et al. Title: Angiostatin: A Novel Angiogenesis Inhibitor that Mediates the Suppression of Metastases by a Lewis Lung Carcinoma	1	31	Author: NGUYEN, M. et al. Title: Quantitation of	Angiogenesis and Antiangioge	nesis in the Chick E	mbrvo	T
Microvascular Research  Vol/Iss: 47  Pages: 31-40  Date: 01/01/94  32  Author: NGUYEN, M. et al. Title: Elevated Levels of the Angiogenic Peptide Basic Fibroblast Growth Factor in Urine of Bladder Cancer Patients (Abstract only)  Journal of the National Cancer Institute  Vol/Iss: 85(3)  Pages: 241-242  Date: 02/03/93  33  Author: O'REILLY et al. Title: Endogenous Inhibitors of Angiogenesis (Abstract only)  Publ:  Proceedings of the American Association of Cancer Research  34  Author: O'REILLY et al. Title: Angiostatin induces and sustains dormancy of human primary tumors in mice  Publ:  Nature Medicine  Vol/Iss: 2 (6)  Pages: 689-692  Date: 06/01/96  35  Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor  Publ:  Surgical Forum  Vol/Iss: XLIV  Pages: 474-476  Date: 01:01-93			Chorioallantoic				
Author: O'REILLY et al. Title: Angiostatin induces and sustains dormancy of human primary tumors in mice Publ: Nature Medicine Vol/Iss: 2 (6) Pages: 474-476 Date: 01:01-93  Author: O'REILLY et al. Title: Angiostatin: A Novel Angiogenesis Inhibitor that Mediates the Suppression of Metastases by a Lewis Lung Carcinoma  Author: O'REILLY et al. Title: Angiostatin: A Novel Angiogenesis Inhibitor that Mediates the Suppression of Metastases by a Lewis Lung Carcinoma  Author: O'REILLY et al. Title: Angiostatin: A Novel Angiogenesis Inhibitor that Mediates the Suppression of Metastases by a Lewis Lung Carcinoma				Vol/lss: 47	Pages: 31-40	Date: 01/01/94	
Publ: Journal of the National Cancer Institute  Vol/Iss: 85(3)  Pages: 241-242  Date: 02/03/93  Author: O'REILLY et al. Title: Endogenous Inhibitors of Angiogenesis (Abstract only)  Publ: Proceedings of the American Association of Cancer Research  Author: O'REILLY et al. Title: Angiostatin induces and sustains dormancy of human primary tumors in mice  Publ: Nature Medicine  Vol/Iss: 2 (6)  Pages: 689-692  Date: 06/01/96  Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor  Publ: Surgical Forum  Vol/Iss: XLIV  Pages: 474-476  Date: 01-01-93				VOD133, 47	rages. or 40	<b>Date:</b> 01/01/34	
Publ: Journal of the National Cancer Institute  Vol/Iss: 85(3)  Pages: 241-242  Date: 02/03/93  Author: O'REILLY et al. Title: Endogenous Inhibitors of Angiogenesis (Abstract only)  Publ: Proceedings of the American Association of Cancer Research  Author: O'REILLY et al. Title: Angiostatin induces and sustains dormancy of human primary tumors in mice  Publ: Nature Medicine  Vol/Iss: 2 (6)  Pages: 689-692  Date: 06/01/96  Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor  Publ: Surgical Forum  Vol/Iss: XLIV  Pages: 474-476  Date: 01-01-93		32	Author: NGUVEN M. et al. Title: Elevated Level	s of the Angingenic Pentide Ra	eic Eibroblast Growt	h Factor in Urino of	<del></del>
Journal of the National Cancer Institute  Vol/Iss: 85(3)  Pages: 241-242  Date: 02/03/93  Author: O'REILLY et al. Title: Endogenous Inhibitors of Angiogenesis (Abstract only)  Publ:  Proceedings of the American Association of Cancer Research  Title: Angiostatin induces and sustains dormancy of human primary tumors in mice  Publ:  Nature Medicine  Vol/Iss: 2 (6)  Pages: 689-692  Date: 06/01/96  Title: The Suppression of Tumor Metastases by a Primary Tumor  Publ:  Surgical Forum  Vol/Iss: XLIV  Pages: 474-476  Date: 01/01/93  Author: O'REILLY et al. Title: Angiostatin: A Novel Angiogenesis Inhibitor that Mediates the Suppression of Metastases by a Lewis Lung Carcinoma		02	Bladder Cance		SICT IDIODICS CIOW	in actor in chine of	
33 Author: O'REILLY et al. Title: Endogenous Inhibitors of Angiogenesis (Abstract only)  Publ:  Proceedings of the American Association of Cancer Research  34 Author: O'REILLY et al. Title: Angiostatin induces and sustains dormancy of human primary tumors in mice  Publ:  Nature Medicine  Vol/Iss: 2 (6) Pages: 689-692 Date: 06/01/96  35 Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor  Publ:  Surgical Forum  Vol/Iss: XLIV Pages: 474-476 Date: 01/01/93  36 Author: O'REILLY et al. Title: Angiostatin: A Novel Angiogenesis Inhibitor that Mediates the Suppression of Metastases by a Lewis Lung Carcinoma				Vol/les: 85(3)	Pages: 241-242	Date: 02/03/03	
Publ: Proceedings of the American Association of Cancer Research  34 Author: O'REILLY et al. Title: Angiostatin induces and sustains dormancy of human primary tumors in mice  Publ: Nature Medicine  Vol/Iss: 2 (6) Pages: 689-692 Date: 06/01/96  35 Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor  Publ: Surgical Forum  Vol/Iss: XLIV Pages: 474-476 Date: 01/01/93  36 Author: O'REILLY et al. Title: Angiostatin: A Novel Angiogenesis Inhibitor that Mediates the Suppression of Metastases by a Lewis Lung Carcinoma				<b>VOI/133.</b> 00(0)	rages. 241-242	Date. 02/03/93	
Publ: Proceedings of the American Association of Cancer Research  34 Author: O'REILLY et al. Title: Angiostatin induces and sustains dormancy of human primary tumors in mice  Publ: Nature Medicine  Vol/Iss: 2 (6) Pages: 689-692 Date: 06/01/96  35 Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor  Publ: Surgical Forum  Vol/Iss: XLIV Pages: 474-476 Date: 01/01/93  36 Author: O'REILLY et al. Title: Angiostatin: A Novel Angiogenesis Inhibitor that Mediates the Suppression of Metastases by a Lewis Lung Carcinoma		33	Author: O'REILLY et al. Title: Endogenous In	hibitors of Angiogonosis (Abstr	act only)		<u> </u>
Proceedings of the American Association of Cancer Research  34 Author: O'REILLY et al. Title: Angiostatin induces and sustains dormancy of human primary tumors in mice  Publ: Nature Medicine  Vol/Iss: 2 (6) Pages: 689-692 Date: 06/01/96  35 Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor  Publ: Surgical Forum  Vol/Iss: XLIV Pages: 474-476 Date: 01:01:93  Author: O'REILLY et al. Title: Angiostatin: A Novel Angiogenesis Inhibitor that Mediates the Suppression of Metastases by a Lewis Lung Carcinoma		33		mibitors of Angiogenesis (Absti	act only)		
Research  34 Author: O'REILLY et al. Title: Angiostatin induces and sustains dormancy of human primary tumors in mice  Publ: Nature Medicine  Vol/Iss: 2 (6) Pages: 689-692 Date: 06/01/96  35 Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor  Publ: Surgical Forum  Vol/Iss: XLIV Pages: 474-476 Date: 01:01:93  Author: O'REILLY et al. Title: Angiostatin: A Novel Angiogenesis Inhibitor that Mediates the Suppression of Metastases by a Lewis Lung Carcinoma				or Valdage 27	<b>D</b> CCO	D-4 02/04/06	
Publ: Nature Medicine  Vol/Iss: 2 (6) Pages: 689-692 Date: 06/01/96  35 Author: O'REILLY et al. Publ: Surgical Forum  Vol/Iss: XLIV Pages: 474-476 Date: 01/01/93  36 Author: O'REILLY et al. Publ: Pu				ei voi/iss; 3/	Pages: 669	Date: 03/01/96	
Publ: Nature Medicine  Vol/Iss: 2 (6) Pages: 689-692 Date: 06/01/96  35 Author: O'REILLY et al. Publ: Surgical Forum  Vol/Iss: XLIV Pages: 474-476 Date: 01/01/93  36 Author: O'REILLY et al. Publ: Pu			IA.Ab.				Ļ
Nature Medicine  Vol/Iss: 2 (6) Pages: 689-692 Date: 06/01/96  35 Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor  Publ: Surgical Forum  Vol/Iss: X.LIV Pages: 474-476 Date: 01/01/93  36 Author: O'REILLY et al. Title: Angiostatin: A Novel Angiogenesis Inhibitor that Mediates the Suppression of Metastases by a Lewis Lung Carcinoma		34	Ĭ	uces and sustains dormancy of	r human primary tum	ors in mice	
35 Author: O'REILLY et al. Title: The Suppression of Tumor Metastases by a Primary Tumor  Publ:  Surgical Forum  Vol/Iss: XLIV Pages: 474-476 Date: 01/01/93  36 Author: O'REILLY et al. Title: Angiostatin: A Novel Angiogenesis Inhibitor that Mediates the Suppression of Metastases by a Lewis Lung Carcinoma					_	_	
Publ: Surgical Forum  Vol/Iss: XLIV Pages: 474-476 Date: 01/01/93  36 Author: O'REILLY et al. Title: Angiostatin: A Novel Angiogenesis Inhibitor that Mediates the Suppression of Metastases by a Lewis Lung Carcinoma			Nature Medicine	Vol/Iss: 2 (6)	Pages: 689-692	<b>Date:</b> 06/01/96	
Publ: Surgical Forum  Vol/Iss: XLIV Pages: 474-476 Date: 01/01/93  36 Author: O'REILLY et al. Title: Angiostatin: A Novel Angiogenesis Inhibitor that Mediates the Suppression of Metastases by a Lewis Lung Carcinoma							<u> </u>
Surgical Forum  Vol/Iss: X.LIV Pages: 474-476 Date: 01/01/93  36 Author: O'REILLY et al. Title: Angiostatin: A Novel Angiogenesis Inhibitor that Mediates the Suppression of Metastases by a Lewis Lung Carcinoma	;	35	Author: O'REILLY et al. Title: The Suppression	on of Tumor Metastases by a P	rimary Tumor		
36 Author: O'REILLY et al. Title: Angiostatin: A Novel Angiogenesis Inhibitor that Mediates the Suppression of Metastases by a Lewis Lung Carcinoma  Publ:	!		Publ:				
Publ:  Metastases by a Lewis Lung Carcinoma	,		Surgical Forum	Vol/Iss: XLIV	Pages: 474-476	<b>Date</b> : 01/01/93	
Publ:  Publ:	i	<u></u>					$oxed{oxed}$
μην) Publ:		36	:	0 0	at Mediates the Sup	pression of	Γ
Vol/lss: 79 Pages: 315-328 Date: 10/24/94	4000		Publ: Metastases by	a Lewis Lung Carcinoma			
	(VVV)		Cell	Vol/Iss: 79	Pages: 315-328	Date: 10/24/94	

use through 10/31/2002 OMB 0651-0031 ffice. U.S. DEPARTMENT <del>QFI</del>COMMERCE U.S. Patent and Tradema Under the Paperwork Reduction Act of 1995 uired to respond to a collection of information unless it contains a valid OMB control number Complete if Known Application No. 09/766,778 Substitute for Form 1449/A/PTO Filing Date 1/22/2001 INFORMATION DISCL First Named Inventor Papathanassiu et al. 8 STATEMENT BY AND P Group Art Unit 1631 (use as many sheets as necessary) Examiner Name Sheet 7 of Attorney Docket Number 05213-0294 43170-255538 13 OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examiner Cite item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Initials No. publisher, city and/or country where published Author: O'REILLY et al. Title: Angiostatin: A Circulating Endothelial Cell Inhibitor That Suppresses Angiogenesis and Tumor Growth Publ: M Cold Spring Habor Symposia on Quantitative Biology Vol/Iss: LIX Pages: 471-482 Date: 01/01/94 Author: OBESO, J. et al. Title: Methods in Laboratory Investigation/A Hemangioendothelioma-Derived Cell Line Its Use as a Model for the Study of Endothelial Cell Biology Publ: \_aboratory: Investigation Vol/Iss: 63 (2) Pages: 159 Date: 01/01/90 Author: PARANGI, S. et al. Title: Antiangiogenic therapy of transgenic mice impairs de novo tumor growth Proceedings of the National Academy of Science USA Vol/Iss: 93 Pages: 2002-2007 Date: 03/01/96 Author: PASSANITI, A. et Title: Methods in Laboratory Investigation/A Simple, Quantitative Method for Assessing Angiogenesis and Antiangiogenic Agents Using Reconstituted Basement Membrane, al. Publ: Heparin, and Fibroblast Growth Factor Laboratory: Investigation Vol/Iss: 67(4) Pages: 519-528 Date: 01/01/92 Author: RASTINEJAD, F. etTitle: Regulation of the activity of a new inhibitor of angiogenesis by a cancer suppressor Publ: Cell Vol/Iss: 56 Pages: 345-355 Date: 02/10/89 Author: MAIONE, T.E. et al Title: Inhibition of Angiogenesis by Recombinant Human Platelet Factor-4 and Related Peptides Publ:

American Journal of Pathology

Science

Publ:

mm Thick) Skin Melanoma

Vol/Iss: 247

Vol/Iss: 133 (2)

Author: SRIVASTAVA, A. effitle: The Prognostic Significance of Tumorvascularity in Intermediate-Thickness (0.76-4.0

Pages: 77-79

Pages: 419-424

Date: 01/05/90

Date: 11/01/88

pr use through 10/31/2002 OMB 0651-0031 Approx U.S. Patent and Tradema

ffice: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

		/ 🚆	Cor	npiete ii Known	兰	
Substitute	e for Fo	rm 1449/A/PTO (OCT 1 5 2001)	Application No.	09/766,778	<u> </u>	00
			Filing Date	1/22/2001		<del>-</del>
	NFC	RMATION DISCLOSTRE	First Named Inventor	Papathana	ssiu et al.	<u></u>
5	STA	TEMENT BY APPLICANT	Group Art Unit	1631		$\sim$
		(use as many sheets as necessary)	Examiner Name		<del></del>	<u> </u>
Sheet		8 of 13	Attorney Docket Numbe	r 05213-029	4 43170-252538	
		OTHER PRIOR ART - NON PAT	TENT LITERATURE DO	CUMENTS		
		Include name of the author (in CAPITAL L			le of the	
Examiner Initials	Cite No.	item (book, magazine, journal, serial, sympo	sium, catalog, etc.), date, pag	e(s), volume-issue n		Т
		publisher, city a	nd/or country where published	d 		
	44	Author: TEICHER, B.A. et Title: Potentiation of cy al.	,	NP-470 alone and w	ith other	
40.1		Publ:				
rm		International Journal of Cancer	Vol/Iss: 57 (6)	Pages: 920-925	Date: 01/01/94	.
/						
4	45	Author: VOEST, E.E. et al. Title: Inhibition of Angio	ogenesis in Vivo by Interleukir	12		1
		Publ:				
		Journal of the National Cancer Institute	Vol/Iss: 87	Pages: 581-586	Date: 04/19/95	.
	46	Author: WEIDNER, N. et al. Title: Tumor angiogenesis: A New Significant and Independent Prognostic Indicator in				
		Publ:  Early-Stage Breast Carcinoma				
		Journal of the National Cancer Institute	Vol/Iss: 84	Pages: 1875-1887	Date: 12/16/92	:
	<b>4</b> 7	Author: WEIDNER, N. et al. Title: Tumor Angiogene	esis Correlates with Metastasi	s in Invasive Prostat	e Carcinoma	Т
		Publ:				
		American Journal of Pathology	Vol/Iss: 143 (2)	Pages: 401-409	Date: 08/01/93	,
	<b>4</b> 8	Author: WEIDNER, N. et al.Title: Tumor Angiogene	esis and Metastasis-Correlation	on in Invasive Breast	Carcinoma	Ť
		Publ:				
		New England Journal of Medicine	Vol/Iss: 324 (1)	Pages: 1-8	Date: 01/03/91	
			` '	•		
	49	Author: CRUM, R. et al. Title: A New Class of Steroids Inhibits Angiogenesis in the Presence of Heparin or a Heparin				
		Publ: Fragment	g .g			
		SCIENCE	<b>Vol/Iss:</b> 230	<b>Pages:</b> 1375-1378	Date: 12-20-85	
		_	• op.133, 200			
	<u> </u>	Author: BROZE, G.J., Jr. et Title: Tissue Factor Pa	thway labibitor and the Davies	ad Theory of Coastill	ation	<u> </u>
	50	al	uiway iliilibitoi and the Revise	ed Theory of Coagula	20011	
MAD		Publ:	M=10=c: 40	Damage 103 113	Date: 1005	
1 1 2 1 / 1		Annu Rev Med	Vol/Iss: 46	Pages: 103-112	<b>Date</b> : 1995	

Approximation use through 10/31/2002 OMB 0651-0031
U.S. Patent and Tradem. ffice: U.S. DEPARTMENT OF OMMERCE

Under the Paperwork Reduction Act of 1995, ng ired to respond to a collection of information unless it contains a valid OMB control number Complete if Known Application No. 09/766,778 Substitute for Form 1449/A/PTO Filing Date 1/22/2001 INFORMATION DISCLOS First Named Inventor Papathanassiu et al STATEMENT BY APPE Group Art Unit 1631 (use as many sheets as necessary) Examiner Name 05213-0294 43170-252538 Sheet of Attorney Docket Number 9 13 OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examiner Cite item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Initials No. publisher, city and/or country where published Author: BOK, R.A. et al. Title: Quantitative Characterization of the Binding of Plasminogen to Intact Fibrin Clots, Lysine-Sepharose, and Fibrin Cleaved by Plasmin Publ: MV Biochemistry Vol/iss: 24 Pages: 3279-3286 Date: 1985 Author: BROZE et al. Title: Publ: Biochemistry Vol/Iss: 29 (33) Pages: 7539-7546 1990 Date: Author: CAO, Y. et al. Title: Kringle Domains of Human Angiostatin 53 The Journal of Biological Chemistry Vol/Iss: 271 Pages: 1-7 Date: 11/15/96 Author: CARDIFF, R.D. Title: Protoneoplasia: The Molecular Biology of Murine Mammary Hyperplasia (Abstract only) Publ-Advances in Cancer Research Vol/Iss: 42 Pages: 167-190 Date: 01/01/84 Author: CONTRINO, J. Title: In situ detection of tissue factor in vascular endothelial cells; Correlation with the malignant phenotype of human breast disease Publ: Nature Medicine Vol/lss: 2 (2) Date: 02/01/96 Pages: 209-215 Author: DAVIES et al. 56 Title: Pathobiology of Intimal Hyperplasia (Abstract only) Publ: British Journal of Surgery Vol/Iss: 81 Pages: 1254-1269 Date: 01/01/94 Author: DINBERGS et al. Title: Publ: MY Journal of Biological Chemistry Vol/Iss: 271 (47) Pages: 22822-22829 Date: 12/01/96

r use through 10/31/2002 OMB 0651-0031 ffice U.S. DEPARTMENT OF OMMERCE U.S. Patent and Tradem

Under the Paperwork Reduction Act of 1995.

Publ:

Surgical Forum

Mr

quired to respond to a collection of information unless it contains a valid OMB control number Complete if Known 09/766,778 Substitute for Form 1449/A/PT Application No Filing Date 1/22/2001  $\infty$ INFORMATION DISCLOSURE First Named Inventor Papathanassiu et al. STATEMENT BY APPL Group Art Unit 1631 (use as many sheets as necessary) Examiner Name Sheet οf Attorney Docket Number 05213-0294 43170-252538 10 13 OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examine Cite item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Initials No. publisher, city and/or country where published Author: ENJYOJI, K. et al. Title: Effect of Heparin on the Inhibition of Factor Xa by Tissue Factor Pathway Inhibitor: A Segment, Gly - Phe , of the third Kunitz Domain is a Heparin-Binding Site Publ: MM Biochemistry Vol/lss: 34 (17) Pages: 5725-5735 Date: 01/01/95 Author: FERENCZY, A. et. Title: The sytodynamics of endometrial hyperplasia and carcinoma Publ: Annales de Pathologie Vol/Iss: 3 (3) Pages: 189-201 Date: 01/01/83 Author: HAAS, A.F. et al. Title: Angiolymphoid Hyperplasia with Eosinophila of the Hand (Abstract only) 60 Journal of Dermatologic Surgery and Oncology Vol/Iss: 17 Pages: 731-734 Date: 01/01/91 Author: ISHINO et al. 61 Title: Publ: Folia Psychiat, Neurol, Jap. Vol/Iss: 27 (3) Pages: 207-221 Date: 01/01/73 Author: KAMIKUBO, Y. et Title: Human Recombinant Tissue-Factor Pathway Inhibitor Prevents the Proliferation of Cultured Human Neonatal Aortic Smooth Muscle Cells Publ: FEBS Letters Vol/Iss: 407 Pages: 116-120 Date: 01/01/97 Author: KEHREL, B. 63 Title: Publ: Semin Throm Hemost Vol/Iss: 21 (2) Pages: 123-129 Date: 01 01-95 Author: KHOURI, R.K. et al Title: Local Application of Tissue Factor Pathway Inhibitor (TFPI) Inhibits Intimal Hyperplasia Induced by Arterial Interventions

Vol/Iss: 46

Pages: 389-391

Date:

1995

pr use through 10/31/2002 OMB 0651-0031 U.S. Patent and Trademi THICE U.S DEPARTMENT THE COMMERCE Under the Paperwork Reduction Act of 1998, no persons are legitred to respond to a collection of information unless it contains a valid OME control number Complete if Known OCT 1 5 2001 INFORMATION DISCLOSURE Application No. 09/766,778 Filing Date 1/22/2001 First Named Inventor Papathanassiu et al STATEMENT BY APPLICANT 1631 Group Art Unit (use as many sheets as necessary) Examiner Name 05213-0294 43170-232538 Sheet of Attorney Docket Number 11 13 OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examiner Cite item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Initials No. publisher, city and/or country where published Author: KOYAMA et al Title: Publ: American Journal of Pathology Vol/Iss: 148 (3) Pages: 749-761 Date: 01/01/96 MY Author: LINDAHL, A. 66 Title: Coagulation Inhibition and Activation in Pancreatic Cancer Publ: Cancer Vol/lss: 70 (8) Pages: 2067-2072 Date: Author: LUPU, C. et al. 67 Title: Thrombin Induces the Redistribution and Acute Release of Tissue Factor Pathway Inhibitor from Specific Granules within Human Endothelial Cells in Culture

Arteriosclerosis, Thrombosis, and Vascular Biology Date: 11/01/95 Vol/Iss: 15 (11) Pages: 2055-2062 Author: MCGEE, J. et al. Title: Simultaneous Expression of Tissue Factor and Tissue Factor Pathway Inhibitor by Human Monocytes. A Potential Mechanism for Localized Control of Blood Publ: Coagulation Journal of Experimental Medicine Vol/Iss: 179 Pages: 1847-1854 Date: 06/01/94 Author: MIYAGI, Y. et al. Title: cDNA Cloning and mRNA Expression of a Serine Protease Inhibitor Secreted by Cancer Cells: Identification as Placental Protein 5 and Tissue Factor Pathway Publ: Inhibitor-2 Journal of Biochemistry Vol/Iss: 116 Pages: 939-942 Date: 01/01/94 Author: MOSS, G.W. et al. Title: Publ: Journal of Gen. Physiology Vol/Iss: 108 (6) Pages: 473-484 Date: 12/01/96 Author: NARITA, M. et al. Title: Two Receptor Systems are Involved in the Plasma Clearance of Tissue Factor 71

Vol/lss: 270 (42) Pages: 24800-24804 Date: 01/01/95

Pathway Inhibitor in vivo

Publ:

Journal of Biological Chemistry

Appro for use through 10/31/2002 OMB 0651-0031
U.S. Patent and Tradem office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1998, no persons are injured to respond to a collection of information unless it contains a valid OMB control number

Complete if Known BCT 1 5 2001 09/766,778 Substitute for Form 1449/A/PT Application No INFORMATION DISCLOSURE Filing Date 1/22/2001 First Named Inventor Papathanassiu et a STATEMENT BY APPLICANT Group Art Unit 1631 (use as many sheets as necessary) Examiner Name 05213-0294 4317 Sheet of Attorney Docket Number 12 13 OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examine Cite item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Initials Νo publisher, city and/or country where published Author: NIWANO et al. Title: 72 Publ: Journal of Laboratory Clinical Medicine Vol/lss: 125 (2) Pages: 215-256 Date: 01/01/95  $\mu_{W}$ Author: NOVOTNY, W.F. etTitle: Purification and Characterization of the Lipoprotein-Associated Coagulation Inhibitor from Human Plasma Publ: Journal of Biological Chemistry Vol/Iss: 264 Pages: 18832-18837 Date: 01/01/89 Author: OSTERUD, B. et al Title: Sites of Tissue Factor Pathway Inhibitor (TFPI) and Tissue Factor Expression under Physiologic and Pathologic Conditions Thrombosis and Haemostasis Vol/Iss: 73 Pages: 873-875 Date: 01/01/95 Author: PETERSON, L.C. eTitle: Inhibitory Properties of a Novel Human Kunitz-Type Protease Inhibitor Homologous to Tissue Factor Pathway Inhibitor Publ: Biochemistry Vol/Iss: 35 Pages: 266-272 Date: 01/01/96 76 Author: SAMANMA, M.M. et itle: Mechanisms for the Antithrombotic Activity in Man of Low Molecular Weight Heparins (LMWHs) Publ: Haemostasis Vol/Iss: 24 Pages: 105-117 Date: 01/01/94 Author: STEINHUBL, S.R. Title: Local Delivery of Tissue Factor Pathway Inhibitor (TFPI) to Reduce Neointimal Proliferation in the Porcine Coronary Balloon Injury Model (Abstract only) et al. Publ: Journal of the American College of Cardiology Vol/Iss: 29 (2) Pages: 97557 Date: 02/01/97 Supp. A Author: SRIGLEY, J.R Publ:  $\mu_{\mathcal{N}}$ Seminars in Diagnostic Pathology Vol/lss: 5 (3) Date: 08/01/88 Pages: 254-720

for use through 10/31/2002 OMB 0651-0031 U.S. Patent and Tradem no persons are required to respond to a collection of information unless it contains a valid OMB control number Under the Paperwork Reduction Act of 1995, Complete if Known 09/766,778 Application No Substitute for Form 1449/A/PTO Filing Date 1/22/2001 INFORMATIONOUSCLAS Papathanassiu et 💬 First Named Inventor STATEMENT BY APPI Group Art Unit 1631 (use as many sheets as necessary) Examiner Name 05213-0294 43170-252538 of Attorney Docket Number Sheet 13 13 OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examine Cite item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), Initials Nο publisher, city and/or country where published Author: TAYLOR, S. et al. Title: Protamine is an inhibitor of angiogenesis Publ: M Nature Vol/Iss: 297 Pages: 307-312 Date: 05/01/82 Author: WARSHAWSKY, I. Title: The Carboxy Terminus of Tissue Factor Pathway Inhibitor is Required for Interacting with Hepatoma Cells in Vitro and In Vivo Publ: The American Society for Clinical Investigation Vol/Iss: 95 Pages: 1773-1782 Date: 01/01/95 Author: WARSHAWSKY, I. Title: The low density lipoprotein receptor-related protein mediates the cellular degradation of tissue factor pathway inhibitor Proceedings of the National Academy of Science USA Vol/Iss: 91 Pages: 6664-6668 Date: 01/01/94 Author: SPRECHER, C.A. Title: Molecular cloning, expression, and partial characterization of a second human 82 tissue-factor-pathway inhibitor et al. Publ: My Proceedings of the National Academy of Science USA Pages: 3353-3357 Date: 01/01/94 Vol/Iss: 91